➢ Technical Parameters:

Working voltage: DC 12V

Unlock current: ≤1000mA

Static current: ≤60mA

Capacity of cards: 800 pieces

Maximum card-read distance: 5--10cm

RF card type: EM or EM compatible card

Working temperature: -40℃～70℃

Working moisture: 10%～90%

Size: 117×117×21mm

Attention: 1. Please strictly operate it per user manual.

2. Please don't install it with power on. Specially pay more attention to positive and negative of power.

➢ How to assemble:

Unpack cross-screw that fixes faceplate and motherboard, then take off motherboard and get it assembled on side wall which is at the exit, with attention on vertical orientation.

Warning:

1. please ensure to switch off power before connecting lines and switch on power after all lines being connected well! Please be sure that power voltage is 12v and that positive and negative are in right place!
2. the switch to theftproof is at the left-bottom corner. Buzzer will keep short-ring alert when back cover is open or spring is loose, and alert will stop once back cover is closed, this function is closed before delivery, User can open it according to his specific requirement.

➢ Methods of Programming:

Original management pass word is 12345 and user pass word is 8888.

1.Enter programming

Press *=>input management pass word=>press #

2 **Function setup(under programming circumstance):**

(1) Modify management password:

press 0=>input new management password =>press#=>

input new management password again=>press#

Note: password is 4-8 digital number.

(2) Add user card

press 1 =>read card => input 3-digital code for the card=>

continually read card=>press#

Note:

A. card code is within 001-800 and 3 non-repeatable digit numbers.

B. The1st card must be put with code, or the card is invalid.

C. if need add more than 1 card, needn't input code for each card from the 2nd card on and just read card one by one, finally press # button .

(3) Delete user card

A. Delete all users card: press2=>press0000=>press#

B. Delete read card: press2=>read card=>press#

C. Delete lost card: press2=>the card code=>press#

(4) Set up open mode

A. Open with reading valid card: press 300=>press#

B..Open with reading valid card and password: press 301=> press#

C. open with reading valid card or password: press302=>press#

Note: Factory setup is 302.

(5) **Set up open time**

press4=>X X=>press#

Note: XX is during 00-99, measure unit is second and original is 03 seconds, and 0 is added for less than 2 digit.

(6)Modify user password

press 5=>input 1 group new password with 4 digital number=>press#

=>input the new password again=>press# to save.

(7) Setup for theftproof alert

press 600=>press # to close the output of alert to prevent from disassembling.

press 601=>press # to trigger the output of alert to prevent from disassembling.

Note: origins setup is 600 with close before delivery.

(8) Save setup and exit from programming

press button * to save

Note: above any setup after completing must be saved within 1 minute by pressing *

➢ Usage:

1. open by card:

Under normal working environment, door can be opened with 1 valid card.

2. open by card and password:

Door can be opened if correct password is input within 10 seconds after card is reading.

3. open by password:

Door can be opened by inputting correct user password.

Attention: the door controller supports 3 modes, opening by card, by password & card and by password.

➢ Description for setup of jumper wire:

1. J1 jumper wire:

2nd and 3rd pin connect, "PUSH"output NO signal.

1st and 2nd pin connect, "PUSH" output NC signal. (default)

2.J2 jumper wire

2nd and 3rd pin connect, output high electrical level signal (default)

1st and 2nd pin connect, output low electric level signal.

Note:On normal condition, please don't change the jumper wire setup.

➢ Initialization way for door controller:

Step 1. switch off power and keep pressing RESET(unloosen)

Step 2. switch on the power and keep pressing RESET for 5s , then loosen, and initialization is completed.

Status: the door controller goes into working status with 1 sound of buzzer.

Note:

1.Initialization only change system password into default programming password: 12345, and user password: 8888, others data will not be changed.

2. Under general condition, initialization will not be used unless forget the password.

➢ Wiring Instruction:

1. 1st pin connect the positive of power, 2nd pin connect negative of power, , please pay attention, it cannot be wrong connected.
2. 3rd pin "PUSH" is signal line, connect with "PUSH" of power supply. 4th pin output +12V signal.
3. 5th pin and 6th pin connect exit button.
4. 7th pin and 8th pin connect doorbell,

Note: To keep door controller work steadily, please don't connect electric lock directly with controller. We suggest you directly connect electric lock and exit button with power supply. See the below diagram: